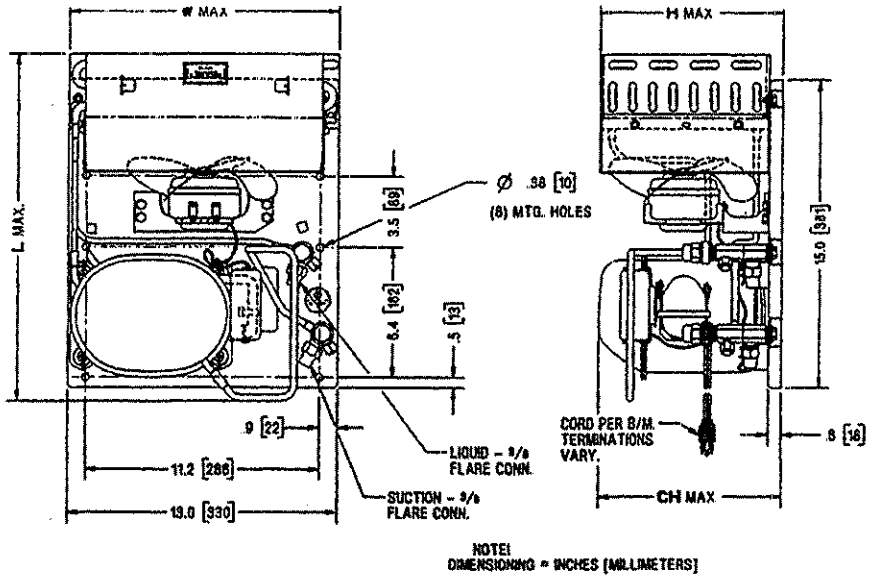
AEA2413ZXAXA

March 10, 2000

Revision 2003

TECUMSEH HERMETIC CONDENSING UNITS

MODEL AEA2413ZXAXA (B/M 2D332-1) R-404A 1/3 HP AIR COOLED



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ◦ F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA2413ZXAXA	16.9	13.0	8.9	9.0	3/8 F	3/8F	-------	210	16	51

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

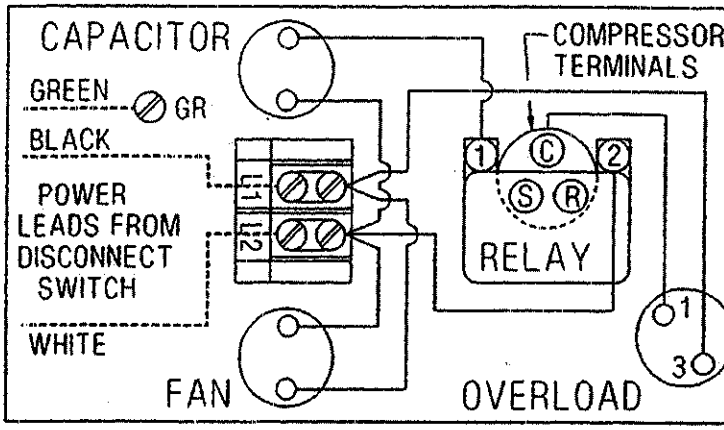
Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
◦F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-30	9.9	850	350	240	740	355	272	630	355	308
-25	12.9	960	375	248	840	380	280	720	380	317
-20	16.3	1080	400	257	950	405	288	820	410	325
-15	19.9	1210	425	266	1060	430	298	930	435	335
-10	23.9	1340	450	275	1170	455	308	1020	460	345
-5	28.2	1470	475	285	1290	485	318	1120	490	355
0	32.8	1610	505	296	1410	510	330	1220	520	367
5	37.9	1740	530	309	1530	540	343	1320	550	380
10	43.3	1870	560	323	1650	570	358	1420	580	395

Based on 40 °F return gas, 5 °F subcooling

Date: January 2003
Unit Catalog Update

SPECIFICATIONS	**AEA2413ZXAXA**
Nominal Voltage	115-1
Unit B/M	2D332-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	7.9
Max. Fuse Size (Amps)	15
Compressor Model	**AEA2411ZXA**
Comp. Bill of Material	AE820AT-900
RLA/LRA	5.9/40.0
ESP Overload	P83503
ESP Relay	P82473
Start Capacitor	85PS165C27
Rating	270-324MFD/165V

Fan Motor (OEM)	810M005B43
Fan RLA	.46RLA
Replacement Motor	TFM61
Fan Motor Bracket	57156
Fan Blade	51561-1
Shroud	70854
Condenser	50794
Suction Rotolock	56501-8 (3/8")
Process Valve	56533-4 (3/8"F SO)
Optional Outdoor Enclosure	TP-181D
Crankcase Heater (If Inc)	NA
Unit Drawing	SU1896-105
Schematic or Elect. Drawing	90314-3



90314-3

NOTE – ELECTRICIAN:

FIELD WIRING AND INSTRUCTION NOTES

1. CONNECT INCOMING POWER LEADS TO L1 AND L2 TERMINALS. USE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.) USE 75°C (MIN.) WIRING.
2. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.

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Some parts listed may be optional or listed as replacement parts.